Abstract of the Disclosure

In recording on an optical disk, tracking control is performed using tracking error signals detected during an OFF period and a rear time segment within an ON period of a recording pulse signal. The time segment for detecting the tracking error signal within the recording pulse ON period is variably controlled in accordance with recording conditions such as a disk type and recording speed. This control can effectively prevent a tendency of pits being formed off the center line of a track toward the inner circumference of the optical disk due to the influence of residual heat from an adjoining inner track, thereby allowing pits to be formed accurately on and along the track center line. Further, during recording, a detection is made of a wobble-corresponding component contained in an HF signal corresponding to reflections of a recording light beam from the optical disk, and servo-balance adjusting variable resistors are adjusted on the basis of the detected wobble-corresponding component in such a way that the detected component presents its minimum level.